

Correct  
by pper  
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section.

#### ABSTRACT

A computerized system and method for diagnosing a tooth-  
size discrepancy and recommending an ideal arch size based on  
the size of an individual patient's teeth. The computerized  
system includes a central processing unit, a first storage  
device, a second storage device, a dynamic memory device, and  
input/output devices. The input devices include a  
computerized caliper for measuring the mesiodistal width of  
teeth and directly inputting the measurements into the  
computerized system. The computerized system and method  
determine the existence of a tooth-size discrepancy, the  
necessary anatomical correction, at least one tooth  
responsible for the tooth-size discrepancy, and a recommended  
arch wire size.